

---

# COMMODORE® AMIGA® 500

---

**Motorola 68000, 16/32 bit CPU comes with built-in Disk Drive, Keyboard and Mouse, Power supply, Documentation, System software (Workbench™) and AmigaBASIC on two 3.5" disks**

---

**512 KB RAM, Internally expandable to 1 MB with battery backed-up clock/calendar**

---

**4096 Colors available with a maximum resolution of 640 x 400 (additional resolution with overscan)**

---

**4-Voice 2 channel sound output and built-in speech**

---

**Multi-tasking Operating System**



---

## PERSONAL COMPUTER

# COMMODORE® AMIGA® 500

## CPU MEMORY

Motorola 68000 • 16/32 bit • Clock 7.16 MHz • 512KB RAM standard • 1 MB RAM with optional internal memory expansion A501 (user installable) • externally expandable up to 8 MB (with AutoConfig™ feature) • total maximum 9 MB

## ROM

256 KB (includes Kickstart™ 1.3)

## INTERFACES

Keyboard • Mouse/Joystick/lightpen ports (2) • Serial (RS232) • Parallel (Centronics) • Video (RGB analog, RGBI) • Right and Left audio • External disk drives • Monochrome video

## KEYBOARD

Integral • 94-keys including: 10 function keys • separate numeric keypad • separate cursor keys (inverse "T" layout) • Help key

## MOUSE

Optomechanical • two-button system

## DISK DRIVES

Built-in 3.5" disk drive (capacity: 880KB formatted) • Supports optional external 3.5" disk drives and 5.25" drives (for MS-DOS® formatted floppy disks) • Amiga DOS supports 4 floppy drives in any configuration simultaneously

## VIDEO DISPLAY

400 lines/vertical frequency 60 Hz • Graphic co-processor with beam synced draw, fill and move modes (Blitter) • Maximum 512 KB video memory (chip memory) • Palette of 4096 colors • Maximum 6 bitplanes • 8 sprites per scanline

## TEXT MODE

Standard modes: 80 characters/25 lines, 60 characters/25 lines • Different font sizes and font types selectable • Screen colors user definable

## GRAPHIC MODES

Numerous modes ranging from 320 x 200 to 640 x 400. (Can be more with overscan)

## SOUND

4 independent sound channels configured as right and left audio • Reproduces complex waveforms • Sound buffer up to 400 KB nominal, maximum 512 KB • 8-bit D/A converter plus 6-bit volume control

## SPEECH

Built-in English text-to-speech device • Controls for rate, pitch, volume, inflection and gender of voice

## DIMENSIONS

27<sup>7</sup>/<sub>16</sub>" (H) x 18<sup>1</sup>/<sub>2</sub>" (L) x 12<sup>3</sup>/<sub>4</sub>" (W)

## WEIGHT

8.32 lbs.

## POWER

External power supply with On/Off switch 110 volts/60 Hz 60 W

# PERSONAL COMPUTER

 **Commodore®**  
**AMIGA®**

1200 Wilson Drive  
West Chester, PA 19380

Commodore is a registered trademark of Commodore Electronics Limited  
Amiga is a registered trademark and AmigaDOS, Workbench, AutoConfig & Kickstart are trademarks of Commodore-Amiga, Inc.  
Microsoft & MS DOS are registered trademarks of Microsoft Corporation  
Specifications subject to change without notice.